

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of preparing gypsum board comprising the steps of;
a) combining calcium sulphate ~~hemi-hydrate~~ hemihydrate (stucco) with water to form an aqueous slurry,
b) adding uncalcined gypsum to said slurry,
b) discharging the slurry onto a support so as to form a sheet of gypsum board wherein said uncalcined gypsum has a specific surface area below $0.3 \text{ m}^2/\text{g}$ and has a particle size distribution within the range of 0.1 to 1000 microns.
2. (currently amended) A method of preparing gypsum board as claimed in claim 1 wherein ~~the~~ said uncalcined gypsum has a specific surface area within a range of ~~$0.1-0.3 \text{ m}^2/\text{g}$~~ 0.1 to $0.299 \text{ m}^2/\text{g}$.
3. (currently amended) A method of preparing gypsum board as claimed in claim 1 wherein ~~the~~ said uncalcined gypsum has a specific surface area within a range of ~~$0.1-0.2 \text{ m}^2/\text{g}$~~ 0.1 to $0.2 \text{ m}^2/\text{g}$.
4. (original) A method of preparing gypsum board as claimed in claim 1 wherein the uncalcined gypsum is dried before being added to said slurry.

5. (original) A method of preparing gypsum board as claimed in claim 1 wherein the uncalcined gypsum is mixed with water and added to the stucco and water mixture as a slurry.

6. (currently amended) A method of preparing gypsum wallboard as claimed in any one of the preceding claims 1 to 5 wherein the uncalcined gypsum ~~typically has a particle size distribution~~ is present within the range of 0.1 to 1000 microns 5 to 50% weight on weight (w:w) of the calcium sulphate hemihydrate.

7. (currently amended) A method of preparing gypsum wallboard as claimed in any one of ~~the preceding claims~~ 1 to 6 wherein the uncalcined gypsum is present within the range of ~~5 to 50% weight on weight (w:w)~~ about 10 to 25% w:w of the calcium sulphate ~~hemi~~ hydrate hemihydrate.

8. (cancelled)

9. (original) A method of preparing gypsum wallboard as claimed in any one of the preceding claims 1 to 7 wherein the uncalcined gypsum is present in the composition in an amount of about 20% by w:w of the calcium sulphate hemihydrate.

10. (original) A method of preparing gypsum wallboard as claimed in any one of the preceding claims wherein the uncalcined gypsum is synthetic gypsum.

11. (currently amended) A method of preparing gypsum wallboard as claimed in claim ~~11~~10 wherein the uncalcined synthetic gypsum is desulphogypsum (DSG).

12. (original) A method according to any one of the preceding claims wherein existing gypsum wallboard is crushed to a suitable size and added to the slurry to provide additional bulk to the wallboard mixture.

13. (currently amended) A cementitious composition comprising a mixture of stucco~~stucco-cementitious material~~, water and desulphurisation gypsum wherein the specific surface area of at least some of the desulphurisation gypsum is below $0.3 \text{ m}^2/\text{g}$ and has a particle size distribution within the range of 0.1 to 1000 microns.

14. (original) A cementitious composition according to claim 13 wherein the size of at least some of the desulphurisation gypsum (DSG) particles are within the range of 0.1-1000 microns.

15. (original) A cementitious composition according to claims 13 or 14 wherein the desulphurisation gypsum is present in the composition in an amount of about 5 to 50% w:w of the stucco.

16. (currently amended) A cementitious composition according to claims 13 or ~~claim~~claim 14 wherein the desulphurisation gypsum is present in the composition within the range of about 10-30% w:w of the stucco.

17. (original) A cementitious composition according to claims 13 or 14 wherein the desulphurisation gypsum is present in the composition within the range of about 10-20% w:w of the stucco.

18. (original) A cementitious composition according to claims 13 or 14 wherein the desulphurisation gypsum is present in the composition in an amount of about 20% w:w of the stucco.

19. (original) A cementitious composition according to any one of the claims 13 to 18 further comprising existing wallboard crushed or milled and added to the slurry to provide additional bulk to the wallboard mixture.

20. (cancelled)

21. (original) A cementitious wallboard produced by the method of claim 1.

22. (original) A cementitious wallboard containing the composition of claim 10.